



SHOWN ABOVE ARE MEMBERS OF A RECENTLY GRADUATED CLASS in Civil Defense heavy rescue work, including a number of Y-12ers and other Union Carbide Nuclear Company employees, with their fully equipped heavy rescue truck in the background. In the front row are, from left, Robert Crabtree and Robert McNabb, Beta Four Operations; H. G. Simerly, Beta Four Maintenance; J. K. Lowery, of K-25; and Glynn Angel, of ORNL. In the rear are Joe Whittaker, Colex Operations; Rufus T. Hill, Jack Love and James D. Fancher, Beta Four Maintenance; W. T. Henry, Beta Four Operations; and A. I. Zinck, of the K-25 Plant. Y-12 class members absent from picture were made include C. P. Darnell, W. H. Miller and R. D. Hossley, Beta Four Maintenance; and J. D. Pendleton, Beta Four Operations.

Men And Women Y-12ers Active In Oak Ridge Civil Defense Heavy Rescue Squad Endeavors

Arthur F. Ogden Heads Division With Objective Of Saving Victims Of Disaster Striking City

As in many Oak Ridge civic endeavors, numbers of Y-12ers are taking a more and more active part in the Civil Defense program for the Atomic City—devoting countless hours of work in training for all types of duties to be put to use in case of emergencies. Not only are male employees of Y-12 engaged in this work—but women workers of the plant and wives of Y-12ers also are active in various types of endeavor intended to save and serve the citizens of Oak Ridge in case of disaster.

Probably the most arduous of these activities is the heavy rescue work. This entails entering wrecked buildings to seek victims, sometimes having to partially demolish structures to reach trapped victims, then rescue the injured persons and transport them carefully to freedom, taking care not to inflict further hurts on them.

Y-12er Heads Training Work

A Y-12 rigger foreman, Arthur F. Ogden, of the Buildings and Grounds Department, is head of the heavy rescue training work. In this capacity he has conducted several classes over the past few years with graduates including a substantial number of Y-12ers as well as civic minded and patriotic employees of other Union Carbide Nuclear Company installations in Oak Ridge.

Another class has just recently completed the heavy rescue training with several members being shown in the picture above with the special truck used in the work. The truck's equipment includes power saws, gas masks, electric generator, picks and shovels, ladders, stretchers, acetylene burning outfit, blankets and other gear that might come in handy to carry out assignments.

More Personnel Is Sought

There now are around 100 men and approximately 50 women who have either completed or are near the end of their heavy rescue training work, according to Ogden. However, more personnel always is needed in this type of work, the Y-12er pointed out, in asking that any Y-12er, man or woman, who

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Two Nominations For CU Vacancies Will Be Offered

Group Preparing Slate For January 19 Meet; Dividend To Be Set

To insure a variety of selection in nominations for posts to be filled by the Y-12 Employees Credit Union membership at its annual election meeting Thursday, January 19, two names will be proposed for each vacancy, it was announced last week by Evan Means, Research Services, chairman of the nominating committee. The committee hopes to complete its slate at a meeting early this week.

President Urges Attendance

The annual membership meeting of the Credit Union will be at 7:30 p.m. in the Green Room of the Ridge Recreation Hall. A. M. "Pete" Schrader, Beta Four Maintenance and president of the organization, has urged every share holder in the Credit Union to attend the session and take an active part in the important business to be transacted.

President Schrader pointed out that in addition to the proposals of the nominating committee that other nominations may be made from the floor.

"It's your Credit Union," the president said in a request to all Y-12ers with an interest in the organization to attend the session next week, "and your responsibility to turn out and exercise your vote for our officers to be elected and also in the declaration of the dividend for last year."

In addition to election of five members of the board of directors, three of the credit committee and two of the supervisory committee are to be selected to serve during the coming year.

Share Holders Set Dividends

Declaration of the annual dividend for share holders share attention with the election for importance on the program. The dividend is set by vote of the share holders attending the meeting after a report on the financial condition of the Credit Union is submitted by the board of directors and treasurer.

For the past three years the

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SAFETY SCOREBOARD

The Y-12 Plant Has Operated
Six Days Or
202,116 Man-Hours
(Unofficial Estimate)
Without A Lost Time Injury
Through December 29

Y-12ers To Get W-2 Forms January 13

Tax Withholdings And Earnings To Be Given

The W-2 forms showing earnings of all Y-12 employees during 1955 and money withheld for payment of federal income taxes during last year will be distributed to weekly and hourly paid employees with their checks to be distributed on Friday, January 13. The forms are being sent by mail to monthly paid employees to reach them on or before January 13.

Important To Keep Forms

These forms are issued in duplicate and it is important that they be retained as one copy must accompany the federal income tax report that is to be filed before April 15.

Y-12ers who worked for part of 1955 with one or more other firms before coming to work here and who received W-2 forms on leaving the previous jobs are reminded that in filing their 1955 federal income tax returns all of the withholding reports from former employment last year citing earnings and amounts withheld for taxes must be attached to the federal forms.

Tax Forms Mailed Out

Internal Revenue Bureau officials in Washington reported last week that the forms for filing 1955 income taxes have been sent to taxpayers throughout the country and should be received some time this week.

There will be no changes in the social security tax withholding this year. Deductions of two per cent of earnings will be made from each employee up to \$4,200. Another two per cent is paid by the Company to match the employee's payment.

Safer 1956 Seen For Y-12 Plant; More Care Urged

18th Disabling Injury December 23 Set New High Mark Since 1947

Safety minded Y-12ers in the Safety Department and throughout the Y-12 Plant Area are hoping—and predicting—that the plant safety record for the year 1956 will show a big improvement over the 1955 mark and demonstrate that careful work habits and procedures can conquer carelessness on the job. These thoughts were expressed late last week after a material handler in the Materials Delivery Department had suffered a fractured shoulder as a result of a fall from a truck.

This disabling injury on December 23 was the 18th lost time accident recorded in the Y-12 Plant Area in 1955, the most in any one year since Carbide assumed operation here in 1947.

Protection Of Y-12ers Objective

In urging renewed attention of all Y-12ers to the safety principles and rules for all jobs in the plant, it is pointed out that these principles and safety rules are not a series of "commandments" to be blindly obeyed—but are drawn for the personal protection and continued good health of every Union Carbide Nuclear Company employee in the area.

With the coming of a new year and reflection on the 18 accidents in 1955 and their causes, these safety-minded Y-12ers are confident that a sharp reversal of the trend to mishaps that started late in 1955 will occur. By starting out with the resolution to use care in every work operation, taking advantage of the safety equipment and clothing provided for certain jobs and bearing in mind at all times that such conduct will result in freedom from the pain, worry and cost of injuries, it is firmly believed that the 1956 disabling injury list will be sharply reduced.

Moving Drum When Hurt

In the December 23 accident, the Safety Department report says that the injured man was moving a 375-pound drum from a slatted wooden pallet onto a one and one-half ton truck when he fell. The last drum from a pallet of four was being placed on the truck bed by tilting and spinning the container from the pallet to the truck. A crack in the pallet caught the drum, suddenly stopping its movement and so jerked the employee that he fell from the truck.

The plant's safety record for the first nine months of 1955 was comparing favorably with all previous years when a series of disabling injuries in October, November and December occurred. Prior to this time three Union Carbide Safety Periods of more than 1,500,000 hours of plant operations without a lost time accident had been established and another barely missed. The last period was No. 16 since Carbide took over Y-12 operations and extended from June 21 to September, with 2,825,087 man-hours of work being performed without a mishap over a span of 84 days. Four such periods were established in 1954.

Y-12 Photography Contest Offers Fascinating Chance For Awards During Year With Snaps

The Y-12 Photography Contest now is officially under way to launch one of the most interesting competitions in a fascinating hobby for all Y-12 employees. The event not only will provide a lot of fun for contestants—but at the end of the year the takers of the best pictures will receive substantial awards of photographic merchandise.

So you "shutterbugging" Y-12ers might just as well start now to turning in your pictures as entries in the contest to the Y-12 Recreation Department, Room 221, Bldg. 9704-2. Prints entered may be as much as one year old—but not older. Only black and white prints are to be entered and they

must not exceed five inches in size in any dimension.

As all winning pictures are to be printed in The Y-12 Bulletin, glossy prints are preferred—however, no good photograph will be overlooked in the judging, all contestants may be assured of that.

It's not necessary to be an expert with a camera to participate in this contest. In fact, some mighty fine pictures have been made with Brownie cameras or other inexpensive makes.

As far as subject matter is concerned—the field is wide open. Animals, architecture, action pictures, portraits, picnics—and many Y-12ers have a few snaps of Christmas with the youngsters.

These are just a few of the many subjects that can be interesting on film and paper.

It is the objective of the contest to appeal to the snapshooting amateurs and for this reason another rule in the contest limits entries to pictures that have not previously won any awards—awards being any ribbon, cup, cash, citation or other prize. This lets the beginner compete on equal terms with more experienced photographers.

To insure continuing interest in the competition, separate contests are held each week. Winners of each weekly event will receive 25 points, the second best picture will be awarded 15 points and five points are awarded every non-

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The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
A Division Of
Union Carbide And Carbon
Corporation
Post Office Box Y
Oak Ridge Tenn.
GEORGE W. DOBBS . . . Editor

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Month Of January Brings New Year, Interesting Dates

Although it will proceed to mark off relentlessly the days of our lives, the New Year has come in as a smiling friend, giving 366 days of clean new days to use before the earth turns again. Here's the question — what will we do with them.

To start off the New Year, the month of January has a number of anniversaries of important events and birthdays to remember — so here's a few of them.



January 12, 1839 — The first iron was made with anthracite in Mauch Chunk (now Jim Thorpe) Pa.

January 13, 1834 — Born in Revere, Mass., Horatio Alger who was to write more than 100 "up-the-ladder" books for boys.

January 15, 1870 — In a cartoon by Thomas Nast, the donkey became the symbol of the Democratic Party.

January 17, 1706 — Born in Boston, Mass., Benjamin Franklin. He once said, "There never was a good war or a bad peace."

January 19, 1807 — Born in Virginia, Robert Edward Lee who became one of the world's outstanding military geniuses as leader of the Confederate Army and later president of Washington and Lee University.

January 31, 1950 — President Harry Truman announced that he had instructed the Atomic Energy Commission to produce the H-Bomb.

The birthstone of the month of January is the garnet and the flower is the carnation.



Get-well wishes are sent the following Y-12ers who were patients last week in the Oak Ridge Hospital:

Harold Sturgill, Materials Delivery; Inman McPeters and T. S. Arnold, Colex Operations; Roger Lee McGinnis, Alpha Five Maintenance; Ola Pope, Laundry; Ralph Stanfill, Beta Two.

Nondestructive Testers To Hear Eastman Speaker

The Oak Ridge Chapter of the Society for Nondestructive Testing will hold its first meeting of the year next Tuesday night, January 10. The session is set for 8 o'clock in the Blue Room of the Ridge Recreation Hall.

Dr. H. E. Seemann, of the Eastman Kodak Co., will be the guest speaker. His topic will be "Physical Factors That Determine Visibility of Details in Industrial Radiographs."



Y-12ERS IN THE PLANT SHIFT SUPERINTENDENTS GROUP AND GENERAL UTILITIES GOT TOGETHER for a pleasant pre-Christmas dinner at the Oak Terrace, the guests being shown above. Starting from the head of the table clockwise are Ray Mann, Mrs. and Mr. Ken Bernander, Mrs. and Mr. H. F. Benninghoff; Mrs. and Mr. D. H. Rader, Mrs. and Mr. Jed Temple, Mrs. and Mr. D. P. Anderson, Mr. and Mrs. Collins Hopkins, Miss Gene Granstaff, Dick Rossi, Mrs. and Mr. George Everett, Mrs. and Mr. Vic Defenderfer, Mrs. and Mr. Del Bender, Mrs. and Mr. Oscar Blackwell, Mrs. and Mr. S. F. Creigh, Steve Porter and Mrs. Porter and Mrs. Roy Mann.



Got any of those fine, first-class, fur-lined New Year's resolutions still intact? That's what we thought.

The Colyum Conductor swore off repeating shaggy dawg stories, but here's one that came along that calls for a little concentration — so here it is.

A man was telling his son a story about an alligator. The 'gator was creeping up behind a turtle with its mouth wide open. Finally the 'gator got within reach, but just as its great jaws were snapping shut, the turtle jumped over a fence and escaped.

"Why dad," said the boy, "how can a turtle jump a fence?"

However, the kid couldn't stump the Old Man.

"By gosh, don't you see, he had to," replied Pop.

The Colyum Conductor feels somewhat like the turtle — he's just GOT to get out the chit and chat this week — so here goes —

CHEMICAL

W. H. Hoose, Product Processing, holidayed with his daughter, Barbara, in Chicago, and other kin folk in Iowa.

The Chemical Department reports **Mary Scott** vacationed in North Carolina . . . **Paul Petretzky** also was a holiday vacationer at an unreported destination . . . Santa really left a fine gift at the home of **Joe Mott** — a little daughter was born on December 23.

MANUFACTURING OFFICE

Jim O'Kain, Engineering Records, went over to North Carolina for vacationing purposes — **Kenneth McNabb** selected Florida for his resting site.

Peggy Smith, Plant Record, wound up the old year by leaving to take over full duties of house-keeping — best luck wishes go along with her.

The Cashier and Travel Office sends get-well wishes to the baby daughter of **Bonnie Reesor** — the illness of little Rita required her mother to be away for several days.

Timekeeper **C. A. Duff** had a holiday season vacation in Lenoir City.

Receiving and Shipping had **L. D. Nicely** and **Pauline Taylor** on the vacation board but no further information on their activities.

MAINTENANCE

Salvage comes through with a long list of vacationers — but they got away without leaving forwarding addresses — anyhow the list includes **W. R. Lockland**, **T. P.**

Jeffers, **L. C. Littleton**, **A. B. Davis**, **D. Justice**, **E. E. Justice**, **J. P. Moore**, **W. F. Fishback**, **D. W. Daws**, **W. York**, **C. T. Selvidge**, **C. E. Rose**, **F. J. Malone**, **H. M. Russell**, **R. A. Mosley**, **C. T. Russell**, **J. D. Scarboro**, **J. E. Pickle**, **M. A. Pitts**, **E. E. Chambers**, **T. D. Goodman**, **D. H. Stephens**, **A. L. Lyons**, **J. E. Taylor**, **H. C. Webb**, **C. Leach**, **G. W. Wilson**, **J. O. Alvey**, **C. D. Zehner**, **D. Branson**, **E. E. Flynn**, **J. G. Esteridge**, **C. Ingle**, **W. K. Goodman**, **D. B. Simmons**, **H. L. Goldston**, **B. H. Samuel**, **J. D. Collins**, **W. R. Stooksbury** and **G. R. Myers** . . . (Aside question to **Bill Coggins**. Have you got anybody left down thataway to do the chores?)

Katherine Miller is back in Automotive Equipment Maintenance after vacationing in Detroit.

Babs Stooksbury, Electrical Maintenance, is vacationing at Pellissippi up around Norris Lake . . . Other vacationers hither and yon include **R. S. Oswald**, **O. C. Collins**, **R. M. Roark**, **E. S. Lewis**, **H. R. Bailey**, **W. H. Dail**, **D. G. Porter**, **W. H. Haddix**, **M. E. Kitchens**, **E. B. Kimbro**, **J. C. Scogins** and **J. L. Young** . . . Get-well wishes still go to **R. F. Moyer**, who remains ill at the Oak Ridge Hospital.

The Laundry sends get-well wishes to **Ola Pope**, an Oak Ridge Hospital patient.

Madelyn Keck is kicking up her heels on a Florida vacation . . . Others a way, probably in less pleasant surroundings, are **W. O. Wells**, **M. L. Petty**, **C. W. Blosser**, **T. N. Breazeale**, **M. C. Tipton**, **A. L. Stewart**, **R. Y. Ditmore**, **J. A. Briggs**, **K. M. Luna** and **C. R. Eichberger** . . . The sick list includes **W. J. Rollins** and **J. R. Baumgardner** — and they get rapid-recovery wishes . . . The same goes to the father of **T. S. Moody**, so seriously ill in Kingsport that the Y-12er rushed to his bedside . . . The department extends sympathy to **E. L. Kerce**, whose father died recently in Somerville, Tenn.

Alpha Five Maintenance rolled out the welcome mat last week to **George Edmonds**, transferred from Field Maintenance; and **Barbara Thomas**, from Maintenance Planning.

Johnny Frakes, Alpha Four Maintenance, ducked out on vacation last week.

MECHANICAL OPERATIONS

C. E. Walker, General Machine Shop, spent Christmas happily honeymooning with his bride, the former Miss Barbara Jean Walls, of Coalfield, Tenn. She's a teacher at Tennessee Polytechnic Institute over at Cookeville . . . The Shop sends get-well wishes to **J. M. Mc-**

Masters, ailing at Oak Ridge Hospital.

F Mechanical Operations sends get-well wishes to **N. Roberts**, ill at his home in Clinton . . . **W. J. Anderson** is vacationing at his home in Heiskell.

A. D. Marlow, D Mechanical Operations, is taking it easy this week at Wartburg . . . **F. McClane** also is away . . . The department welcomed newcomer **E. T. Webster** to the fold last week . . . **J. A. Whittier** and family spent Christmas with his kin folks . . . **B. E. Roland** did likewise with his folks in West Virginia . . . **H. P. Alexander** really is beaming — his wife, a North Carolina school teacher, spent the holidays with him.

R. L. Hazlett, E Mechanical Operations, and his family spent part of his holiday vacation visiting his mother in Kentucky.

INDUSTRIAL RELATIONS

It was a said Christmas for **Art Hines**, Insurance, who has extended sympathy to many Y-12ers in his visits to sick and bereaved employees — on Christmas Day he received word that his brother, **Dr. W. E. Hines**, had died in Maysville, Ky., after an illness of only a few days. Art's many friends throughout the plant extend condolences to him.

The Guard Department and many other friends of **E. L. Bellamy**, the regular traffic controller in Floor No. 1 aisles in Bldg. 9704-2, are concerned over his serious illness in Little Creek Sanatorium.

Kay Collins, Fire Prevention and Control, vacationed at home in Knoxville . . . **Capt. Dave Turner** also vacationed, probably at home on Merchant's Road in Norwood.

R. H. Finn, Labor Relations, saw the New Year come in over at Memphis while vacationing.

Jesse Guin, Training, no sooner had moved into his new home over in Burchfield Heights than he traipsed off on a vacation to his old home in South Carolina.

Medical Department folks get around . . . **Penny Keene** and her husband, **Ollie**, of Property, spent Christmas in Macon, Ga., then turned around and went to Birmingham to see the Old Year out the New Year in . . . **Virginia Slusher** and her husband, **Bob**, of Chemical and Industrial Engineering, returned from their Christmas vacation in Virginia and entertained friends from Marion, Va., over the New Year week end.

TECHNICAL

Nora Moss is vacationing from Process Design this week.

Mechanical Engineering extends condolences to **Nora Hurst**, whose mother died at the home of her son in Manchester, Ky., on Christmas Eve.

Health Physics items were inadvertently omitted last week — so here's trying to make amends . . . **Mary Ann Wright** and hus-

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MAXEY-RAGAN

A New Year's Eve wedding of interest to Y-12 friends of the groom saw Miss Polly Elizabeth Ragan and Andrew William Maxey, of the Y-12 Colex Operations Department, married at Newport, Tenn., Saturday, December 31. The ceremony was performed by the Rev. Lowell Milburn at 6 p.m. at the home of the bride.

The bride is the granddaughter of Mrs. J. D. Brooks, of Newport. Parents of the groom are Mr. and Mrs. John Maxey, of Knoxville.

The bride was given in marriage by her uncle, Duval Brooks. During the ceremony wedding music was presented by Lillian Smith, soloist; accompanied by Mary Ann Little.

For her wedding Miss Ragan wore a gown of white lace over satin of ballerina length. It was of princess style with the long lace sleeves being pointed at the hands. She wore a tiara of seed pearls and carried white orchids.

Maid of honor was Clara Jane Miller who wore a red velveteen princess style dress with scalloped neckline.

T. A. Pannel acted as best man.

Following the wedding a reception was held at the Rhea Mims Hotel at Newport.

The bride graduated from Cocke County High School and attended Virginia Interment College and the University of Tennessee. Maxey attended Young High School in Knoxville and the University of Tennessee.

The couple will live in Knoxville.

Picture Transposition Made By Error In Story



W. G. Rains

A. K. Self

In the December 14 issue of The Bulletin there was an unfortunate transposition of pictures accompanying a story of promotions of two Y-12ers to posts of assistant foremen from chemical operators. In the story **W. G. Rains**, of Colex Operations, was identified as **A. K. Self**, of the same department, and visa versa. The pictures are shown correctly above.

The Bulletin regrets the inadvertent error and hopes no embarrassment was caused to any of the principals.

Rides Wanted, Offered

Ride wanted or will join car pool from 244 East Drive, Oak Ridge, to North Portal, straight day. Yes-sie Garrett, plant phone 7782, home phone 5-1825, Oak Ridge.

Riders wanted from Harriman to West or Bear Creek Portal, straight day. Raymond W. Curtis, plant phone 7-8301.

Want to join car pool from 112 Cedar Lane, Fountain City, to Bear Creek Portal, straight day. F. A. Watson, plant phone 7-8356.

Two riders wanted or will join car pool from LaFollette area to Central or West Portal, straight day. J. E. White, plant phone 7091, home phone 721-M, LaFollette.

Careless driving is kid stuff.



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band spent the Christmas holidays at Jamestown, Tenn. . . . **Hap West** was at Cedar Bluff, Ala., the same time . . . **Jackie Jackson** went down to Athens, Ala., to survey the cotton crop for next year's picking . . . **P. C. McRee** vacationed in Hickory, N. C. . . . **Helen Stepp** and **K. C. Anderson** are receiving get-well wishes.

Civil and Architectural Engineering has **Ruth Ann Huffman**, **Veronica Stenglain** and **Dokie Bruner** vacationing over the holidays.

ALLOY

Jeri Kobish, The Colyum's correspondent down at Alpha Four, vacationed at her old stomping grounds up in the Windy City of Chicago—but before leaving she turned in an imposing list of New Year resolutions gathered from her crew—(notice she left town first)—but here they are, in toto:

H. Bartley, Jr., "I'm giving up cigar smoking" . . . **E. K. Beeler** "Do-it-yourself kits are out. I'm going to have it made" . . . **Ernie Foster** "I'll never Cee Cee Arrrr again!" . . . **W. A. Gilreath** "I'll never befriend another black and white kitty again. Whew!" **George Jasny** "I ain't givin' up nothin' "

. . . **Dave Jennings** "I'll stick by my diet, even at management dinners" . . . **Carl Melton** "I plan to keep all my filter presses very clean, even if I have to bypass" . . . **Jack Owens** "I'll go easy on that steam plant" . . . **Val Tilson** "I won't buy anything but second hamburgers at Central" . . . **Roy Thornton** "This year I'm going to put water in my swimming pool" . . . **A. T. Van Dyke** "This year I'm going to be most diplomatic" **Mabel Tyer** "I'll avoid slippery dance floors and high (tall?) partners" . . . **Dave Volz** "I'm changing my hobby from horses to book match covers" . . . **Bill Whitson, Jr.**, "I'm turning full-time poet in my spare time" . . . **Charlie Whitwill** "Think I'll take a memory course" . . . **Walt Williams** "Nothing will get me up on another roof" . . . **C. B. Boles** and **A. L. Johnson** "We're going to make people quit calling us 'Parrot' Boles and 'Parakeet' Johnson. We don't talk that much" . . . **Tony Caputo** "I'm going to join the Army Reserve to keep in trim" . . . **E. B. Duncan** "I'm going to pass the hat for my housebuilding friend **E. J. Delaney**" . . . **Carl Frazier, Sr.**, "This year I'm going to get me a deer" . . . **Al Gillen** "I'm going to keep right on running until 'that' girl catches me" . . . **Helen Gombita** "No more expensive trips for me" . . . **Paul "Revere" Hale** "From now on my horse gets more two-day rests" . . . **"Loverboy" Hamby** "Think I'll change my way of living" . . . **Jim Jacobs** "I'm going to practice with my home chemistry set" . . . **A. W. Maxey** "I'm all for starting 'a living doll for Christmas' movement" . . . **Joyce Myers** "I'm keeping my new car away from mud banks since John is gone" . . . **Art Neeley** "Never again will I build a new house" . . . **Clayton Olmstead** "I think I'll become a plumber and give up potato peddling" . . . **Steve Pelizzari** "Bet I won't miss the ADP Christmas Party this year" . . . **A. C. Seals** "I'm organizing a posse to help me find my suction" . . . **John Staton** "Maybe I'll buy a later vintage cost-per-mile automobile."

E. E. Boling, Collex Operations, has just reported the birth of a new daughter born December 17—she weighed six pounds, four ounces and has been named Sheree Anna . . . Another Proud Pop—but no further particulars—is **T. W. Robinson** . . . **H. O. Seviars** and **M. A. O'Neil** were recent vacationers.

Beta Two's **W. E. Brown** spent his holiday vacation right at home.

SUPERINTENDENTS

Ada Hopkins, Plant Shift Superintendents office, and her husband, **Collins** of F. Mechanical Opera-

Basketeers Resume Strenuous Schedule

Bombers Top Lucky Five To Threaten Leaders

Only one game was played in the Y-12 Plant Basketball League last week, but the circuit was scheduled to resume hostilities on Tuesday night of this week after the New Year's holiday for continuous and strenuous operations. In the only game played last week the B Bombers blasted out a 54 to 32 triumph over the Lucky Five.

The result placed the Bombers in a position to oust any one of the four teams ahead of them in the standings in case of a slip, as the Bombers had five wins and only one loss to their credit. The Wizards were out in front with five wins and no losses and the Bums, C Hawks and Cascade Kids also were undefeated, but with four, two and one victories on the books, respectively.

Baker had 20 points and Butturini had 11 for the Bombers in their romp over the Lucky Five. Chandler got 11 for the losers.

The schedule starting tonight and extending through next Wednesday, January 11 follows:

WEDNESDAY, JANUARY 4
High School
6 p.m., D Doodies vs Wildcats. 7:15 p.m., Bums vs Cascade Kids. 8:15 p.m., Junkers vs Hot Shots.

MONDAY, JANUARY 9
Robertsville
6 p.m., Bums vs Wizards. 7:15 p.m., Lucky Five vs D Doodies. 8:15 p.m., Ridgerunners vs C Hawks.

TUESDAY, JANUARY 10
Robertsville
6 p.m., Junkers vs Lucky Five. 7:15 p.m., Owls vs Cascade Kids. 8:15 p.m., C Hawks vs D Doodies.

WEDNESDAY, JANUARY 11
High School
6 p.m., Bums vs Wildcats. 7:15 p.m., Owls vs Hot Shots. 8:15 p.m., Ridgerunners vs Lucky Five.

State Deer Slain Sets New Record

Tennessee's known kill of deer during the 1955 hunting season at latest reports was 2,036, according to the State Game and Fish Commission. This is a new record for seasonal kill in the state, the previous high being in 1954 when 2,019 were registered.

The Central Peninsula Wildlife Management Area produced 830 kills with 451 buck and 379 does being slain. With 1,149 hunters, including many Y-12ers, participating in hunting in that area, a high success ratio of 72.23 per cent was recorded.

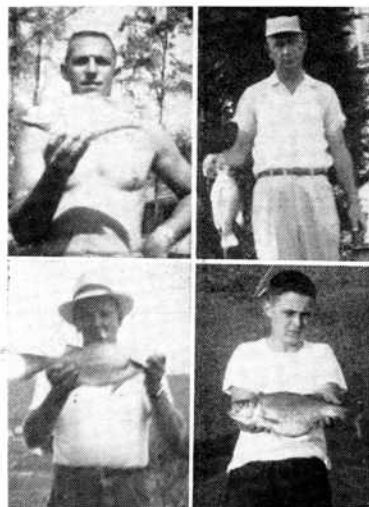
tions, airplaned up to Detroit to see little Mr. New Year arrive . . . **Jed Temple** had as holiday guests some members of Mrs. Temple's family—Mr. and Mrs. Rufus Knight from Louisiana and Lieut. Kenneth Yancey and Mrs. Yancey from Virginia.

Don't say we didn't warn you—confirmed bachelors of Y-12—take a look at the calendar. That February 29 on the sheet means that Leap Year lasts all year with that particular day as prime target day. Then comes a little closer and look at what Friday of next week will be. Ooooh mee, ooh my! Enough said.

Well, we got the turtle over the fence—so let's all make a serious resolution for a Safer and Happier New Year than ever before, amen.

TASTY ENTREES OFFERED ON SPECIAL LUNCHES

Pineapple fritters with grilled bacon will be the tasty entree on the Special Lunch to be served at the Y-12 Cafeteria tomorrow, Thursday, January 5. Then on next Tuesday another attractive main dish, ham patties with French fried apple rings, will head the lunch. Each of the 50-cent Special Lunches also includes one vegetable, choice of salad or dessert and rolls and butter.



HERE ARE FOUR MORE CONTENDERS for honors in the Y-12 Annual Fishing Contest that closed at midnight, Saturday, December 31. Two nice crappie are in the upper strip, at left being Capt. Emmett Moore of the Fire Department with a fish taken at Eagle Lodge while at right Elmer Green, Buildings and Grounds shows his prize taken from Watts Bar Lake. In the lower pictures are A. T. Van Dyke, left, of Collex Operations, with a nice striped bass caught below Ft. Loudoun Dam in the Tennessee River while at right is the son of H. M. Monday displaying a striped bass caught by his father in the Little Emory River.

Commission Wants Bands On Quail

Tennessee hunters are urged to return bands on quail they have killed to the Knoxville, Nashville or Jackson offices of the State Game and Fish Commission, or turn them in to any conservation officer. Accompanying each band should be information on where and when the bird was killed. By checking these bands with office records, state game officials learn much about movements and survival of hatchery quail and thus are able to better manage the distribution of birds for the ultimate benefit of hunters.

Bumpers Increase All-Carbide Lead

The Bumpers, Y-12 bowling outfit, increased their lead in the All-Carbide League last week by trimming the K-25 Kingpins for three points in the scratch scoring league. The Wheels, Oak Ridge National Laboratory entry, whitewashed the Y-12 Hawkeyes for



THREE Y-12 NIMRODS FROM 'A' MECHANICAL OPERATIONS are among this safari that went deer hunting recently at Greenback, W. Va., with good success. From left are William Swim and Kenneth Smith, both of Princeton, W. Va., then comes R. B. Thompson, the Y-12er who bagged the deer shown in the picture (with assistance from others, The Bulletin's informant says), Bill Rowland and Billy Miller, also Y-12ers.

1956 Y-12 Fishing Contest Underway; January 16 Deadline For 1955 Reports

Many Specie Of Fish Eligible To Be Entered In Contest For Which Fine Prizes Are Given

With the number of dyed-in-the-wool fishermen in Y-12 numbered in the hundreds, no sooner does one of the popular annual fishing contests conducted in the plant for the last several years come to a conclusion before the anglers are out again wetting their lines for the next competition. The 1955 fishing contest came to a close at midnight last Saturday, December 31, and as the clock ticked on to the New Year the 1956 contest automatically was started.

There were a lot of fine fish reported in the 1955 contest and entrants have until 4 p.m. Monday, January 16, to submit their catches in the race for many fine prizes. The deadline is January 15, but as that date falls on Sunday, the filing period is extended for one day.

The 1956 fishing contest is open to all employees of the Union Carbide Nuclear Co. Y-12 Plant and there is no entry fee. The specie of eligible fish for the contest are largemouth, smallmouth and striped bass, walleye and sauger pike, crappie, blue gill-bream, trout and rough fish (catfish, drum and carp.)

Entry blanks may be obtained at the Recreation Department Room 221, Bldg. 9704-2. Each blank contains full information on rules and regulations. In addition to reporting weight and length of the catches, it is important to accompany each entry blank with a side view photograph of the fish.

Winners are decided by weight. If ties exist length and girth in that order will determine the winner. The number of awards for each specie will be governed by the number of entries.

The committee of judges for the 1955 contest will meet during the week of January 15 to canvass the returns and announce the winners. The winners will receive hand-home and handy prizes of fishing equipment from the Recreation Department.

four points and the Leftovers took three from the Maple Moppers, both being Y-12 teams. Joe Bennett, of the Kingpins, had best individual scores of the session with a 207 game and 549 series. The Bumpers' 851 scratch game and the Leftovers' 2406 series were tops.

League standing follows:

Team	W	L
Bumpers, Y-12	28	14
Kingpins, K-25	32	20
Wheels, ORNL	30 1/2	21 1/2
Maple Moppers, Y-12	27 1/2	24 1/2
Leftovers, Y-12	27 1/2	24 1/2
Hawkeyes, Y-12	1 1/2	50 1/2



THE ROCKS TEAM OF THE Y-12 Mixed Bowling League, shown above, has made things rocky for some of the other teams in the loop this season. Sitting, from left, are Mildred White and Wilma Brock while standing are Howard Horne and Gerald Anderson.

Rippers Take Top Spot In Classic

The Rippers roared to a vital victory over their closest rivals in the Classic League of plant keglers last Thursday night by taking three points from the Wolves and grabbing first place in the circuit. The Screwballs maintained their spot in the standings with an even split with the Has Beens but the big noise of the night was sounded by the Cubs, with a four-point whitewash win over the Tigers, and the Swingsters, who swamped the Rebels by the same score. In the other match of the night the Playboys stung the Wasps for three.

The Cubs' Charley Greene had top handicap individual scores of the night with a 245 game and 630 series. J. Brown, a teammate, posted a 557 scratch series and scratch game honors were shared by Collins, Has Beens, and Zupan, Wolves, at 214 each. The Cubs also had the best series scores of 2497 scratch and 2902 handicap. The Bumpers' 879 scratch game was best of the night as was the Has Beens' 1040 handicap game.

League standing follows:

Team	W	L
Rippers	16	4
Wolves	15	5
Screwballs	14	6
Bumpers	12	8
Cubs	12	8
Swingsters	12	8
Playboys	10	10
Wasps	8	12
Has Beens	8	12
All Stars	6	14
Tigers	5	15
Rebels	2	18



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THIS IS THE TYPE OF CERTIFICATE OF TRAINING ISSUED BY THE Third Army to reserve trainees on completion of courses. This one was issued to Corp. John T. Maxwell, a Y-12er in the Guard Department; and a similar one was earned by First Lieut. Otis O. Milam, of Process Maintenance.

Y-12 Photography Contest Is Opened

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winning entry. At the end of the year the total accumulated points are counted to determine the winners.

To Pick Best Of Year

The best picture submitted in any one month will be honored—but no points awarded—and the "picture of the year" will be selected from the 12 monthly winners. The "picture of the year" winner will receive an award equal to that of the first prize winner in the accumulated points competition.

Members of the Carbide Camera Club will act as judges of the pictures with those passing on the Y-12 entries being connected with other Union Carbide Nuclear Company plants in the Oak Ridge area. Comments of the judges will be forwarded to each entrant.

Complete information on all details and rules of the contest are obtainable at the Recreation Office, plant phone 7751.

No Red Tape To Enter

There are no complicated forms to fill out—no red tape. So how about going through some of your pictures not more than one year old or start making some new ones of scenes and events believed to be of general interest to your fellow employees?

Start sending them in right now—and be sure and include name of entrant with plant address and phone number for identification.

Registration Set Thursday For UT Extension Course

Several Y-12ers interested in a course of Industrial Engineering and Management being offered by the University of Tennessee Extension Department are expected to register for the class tomorrow and Friday nights, January 5 and 6. The registration will be held at the Oak Ridge High School from 6:30 p.m. to 9 p.m.

Classes will begin next Thursday night, January 12, and will be held every Thursday night from 6:30 to 9:30 p.m. at the high school

Two More Y-12ers Proud Of Reserve Class Certificates

Two more Y-12ers are back at work after recently completing two weeks of United States Army Reserve Training, for which they are granted time off by the Union Carbide Nuclear Company.

Both Corp. John T. Maxwell, of the Guard Department; and First Lieut. Otis O. Milam, of Process Maintenance; are proud of the Certificates of Training issued them by the Third Army, USA, after satisfactorily completing a methods of instruction course held at Nashville for two weeks. Both are members of 682nd Light Equipment, one of the Reserve units in the Oak Ridge District.

Corporal Maxwell is particular proud of his certificate, pointing out that it is the first issued to a corporal for completing such a course. The course includes speech technique and training aids leading to developing instructors for classes.

The Y-12 Plant recently received a Certificate of Appreciation from the Third Army for its support of the National Guard and Reserve programs and the national defense.

1,385 CHRISTMAS DINNERS DISPENSED AT CAFETERIA

Y-12 epicureans apparently found the big Christmas dinner served at the Cafeteria on December 21 to their liking, as 1,385 of the several course dinners were consumed. A total of 1,505 patrons visited the cafeteria for lunch that day. The number of Christmas dinners served exceeded the 1,155 dispensed before Thanksgiving Day by 230.

for 10 weeks. This course is the second in a series of Industrial Engineering and Management and is No. 3-13-E, Industrial Resources. Y-12ers seeking more information on the course may obtain it from Howard McCraw, Mechanical Engineering, plant phone 7954; or H. E. Alvey, Colex Operations, plant phone 7904.



SEVERAL WIVES OF Y-12ERS AND TWO Y-12 MEN EMPLOYEES ARE AMONG THE RECENTLY INSTALLED officers of the Oak Ridge Chapter of the Order of Eastern Star for 1956 that took place in the Oak Ridge Masonic hall. In the front row, from left, are June Reed, wife of Herbert Reed, General Utilities; Marv Nell Jones, Rose Marie Beatty, Mary Ann Nichols, chapter treasurer, wife of Dewey Nichols, Beta Two; Polly Patrick, conductress; Vaudie Wallace, marshal, wife of E. T. Wallace, Research Services; Nell Blanton and Ruth Bettis. In the middle row are Naomi Blackwell, associate conductress; Katherine Frizzell, Melba Pittman, Elizabeth Stair, secretary; and Louise Johnson. In the rear are Violet Wright, associate matron; William Blair, associate patron; Melba Varnadore, worthy matron, wife of M. D. Varnadore, Buildings and Grounds; Fletcher DeFord, worthy patron, Research Services; and Reuben Branscome, sentinel, Beta Two.

Gremlin Gives Painless Way For Temperature Conversion

The editor of The Y-12 Bulletin still doesn't know just who "snuck up" on his blind side to perpetrate the ensuing opus on long-suffering readers. However, it may be that a dissertation on how to convert Fahrenheit temperatures into Centigrade or visa versa, will be of interest to many Y-12ers—particularly as an allegedly painless process was presented by the gremlin to the editor to pass on to unsuspecting subscribers. So here goes!

The standard formulas for the conversion are, he says:

$$^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$$

$$\text{And } ^{\circ}\text{F} = 9/5 ^{\circ}\text{C} + 32$$

Simple as they appear when thus written, reconstruction involves the question:

1. Do I add 32° or do I subtract it?

2. If I add 32° do I do it before or after multiplying?

3. If I subtract 32° do I do it before or after multiplying?

4. Do I multiply by 9/5 or 5/9?

After pondering these problems, the gremlin then came forward with the "short cut method," formalized this way:

$$^{\circ}\text{C} = 5/9 (^{\circ}\text{F} + 40) - 40.$$

$$\text{And } ^{\circ}\text{F} = 9/5 (^{\circ}\text{C} + 40) - 40.$$

Justifying the method, he pointed out:

1. The two formulas are symmetrical.

2. The first step is always the addition of 40.

3. The last step is always the subtraction of 40.

4. The middle step, that is the multiplying of 5/9 or 9/5, is the only requiring discrimination, and therefore is the only one which requires any real teaching.

The gremlin-informant went on to say that he had only seen this "short cut" method in print once and believed its publication might be of aid to some chemists and physicists around the Y-12 Plant Area. The basis for the method, he declared, is clear enough—so clear that he wondered why the traditional method ever came into use. It happens that -40°F equals -40°C , so that the first step addition of 40 to a reading on either scale gives the reading referred to -40 . Knowing that a Centigrade degree is 9/5 as large as a Fahrenheit degree, the next step is the appropriate multiplication. The result is a temperature on the other scale referred to -40 . Since it is desired to want the figure referred to zero, 40 is subtracted.

As a parting shot, the gremlin pointed out that for those who like their algebra will enjoy proving that:

$$5/9 (^{\circ}\text{F} - 32) = 5/9 (^{\circ}\text{F} + 40) - 40$$

$$\text{and } 9/5 ^{\circ}\text{C} + 32 = 9/5 (^{\circ}\text{C} + 40) - 40.$$

Durned if that gremlin didn't pull a book to prove it, too. So don't blame the editor—he's doing the best he can.

Men, Women Y-12ers Do Heavy Rescue Work

Continued from Page 1

wants to help out in the heavy rescue activities to communicate with him at plant phone 7-8356; or with Col. W. H. Britton, Oak Ridge Civil Defense Administrator, Oak Ridge phone 5-3521, Extension 58.

The women now training in heavy rescue work take a course greatly the same as that taken by the men. The women also study communications with short-wave radio, limited first aid and other activities connected with rescue work.

Y-12 Woman In Group

In a women's class recently graduated was one Y-12 employee—Ann Kennedy, of the Maintenance Division. Mabel Emch, whose husband is in Buildings and Grounds, also is a member of the class. The feminine class is a cross section of Oak Ridge citizenry, other members including employees or wives of UCNC employees at Oak Ridge National Laboratory and the K-25 Plant of Union Carbide Nuclear Company as well as other Oak Ridge groups and firms.

LONGEST LAKE STEAMER

The Canadian Steamship Lines' T. R. McLagen, built in 1954, is a 715-foot long freighter designed to carry 21,000 tons or 800,000 bushels of wheat and is the largest ship in use on the Great Lakes.



Two Nominations For Each Vacancy On CU

Continued from Page 1

Credit Union membership has voted for a 4.2 per cent dividend.

Serving with Means on the nominating committee are Otis Lineberry, Beta Four Maintenance; George Harris, Beta Two; W. E. Davis, Security; and W. O. Prater, Oak Ridge National Laboratory.

Elected For Two Years

On the seven-member board of directors the terms of President Schrader, Morris Fortenberry, Development Operations; A. J. Fisher, Security; Jesse Guin, Training; and Mrs. Lorena Causey, treasurer, expire. Holdover members are J. Paul Blakely, ORNL; and W. O. Elam, chief of the Y-12 Fire Department. Directors are elected for two year terms with the normal procedure being terms of four to expire one year and three another. However, Guin was elected to fill an unexpired term of a resigned director and this post will be filled for one year.

The three members of the credit committee of six whose terms expire this year are C. V. Ketron, ORNL; and E. A. Cobble and Fred M. Henry, Buildings and Grounds. Holdover members are Fire Department Capt. W. R. McGill; A. L. Conte, Project Engineering; and C. M. West, Health Physics.

W. A. Coggins, Salvage, is the holdover member of the three-member supervisory committee. The terms of H. A. Reed, Chemical; and Clifford Knisley, Special Salvage, expire this year.

Engineer Definition Given By Head Man Of Buick Company

Of engineers there are a multitude around Y-12. For their edification, Barbara Guettner, Beta Four Operations, submitted to The Bulletin a definition of an engineer by another engineer—one of the best in fact—Charles S. Chayne, chief engineer for the Buick Motor Co. Says he:

"An engineer is a person who poses as an exacting expert on the basis of being able to turn out with prolific fortitude infinite strings of incomprehensible formulae calculated with micromatic precision from vague assumptions which are instruments of problematical accuracy by persons of doubtful reliability and questionable mentality for the avowed purpose of annoying and confounding a chimerical group of fanatics referred to, all too frequently, as engineers."

Is there a second to the motion?